

Amendments to the Specification:

Please add the following new paragraph after line 12, page 6:

--Brief Description of the Drawings

Fig. 1A is a flow chart showing the process steps of the macro staging of the present invention; and

Fig. 1B is a flow chart showing the process steps of the micro staging of the present invention.--

Please replace the last paragraph of page 10, beginning at line 21, with the following amended paragraph:

--As best seen in Figure 1A, in one embodiment of the present invention, macro-staging to regulate furnace acidity and SO₃ levels is achieved through the use of OFA. As best seen in Figure 1B, in another preferred embodiment, micro-staging to regulate furnace acidity and SO₃ levels is achieved through the use of low-NO_x burners. In yet another preferred embodiment, macro-staging and micro-staging through the use of OFA and low-NO_x burners in combination are used to regulate furnace acidity and SO₃ levels. For furnaces with SCRs in operation, the acidity is preferably regulated to reduce total flue gas acidity. For furnaces without SCRs or with by-passed SCRs, the SO₃ is preferably regulated such that the SO₃ levels going to the ESP enhance or favor precipitation. For current ESPs, SO₃ levels between about 10 to about 15 ppm (by volume) in the exhaust is desirable for best ESP efficiency.--